Project Management System Progress Report

Graphic Summaries: Technical Progress vs. Costs Incurred

U.S. Department of Housing and Urban Development Office of Administration

															3a. I	Name	e of GTR		7a. Period Ending	7a. Period Ending 7b. Preliminary			9.	9. Agreement No.					
														4a. I	Name	e of Contracting Officer	7c. Frequency of Reports Monthly Quarterly Other					10. Project Code							
	5														5. I	Name	e of GTM	8a. Originally Approved Agreement Completion Date						11a. Originally Approved Agreement Value					
																			\$										
	6															st Approved Plan		8b. Currently Approved Ag	11	11b. Currently Approved Agreement Value									
No	Name of Project Manager Phone 1															No.	Date		42. Amount Descived (Du	1.1	\$								
Name of Project Manager Phone														_		\$ \$	unt Obligated (By Govt. to date)	13. Amount Received (By Performer to Date)							14. Balance of Funds (Not Yet Received by Performer)(11b-13) \$				
						26	. Status	of Cos	ts Incurred										27. Stat	us of Tech	nical Progr	ess							
Yrs.													Years				27b. 27c. 27d. Dollar Est.% Dollar												
\$000	Prev. Pds												Sub Total	Fut. Pds.	Grand Total		o. 27a. Tasks/Activities	Prev Pds							F	Fut Value	e of C	Est.% Dollar Comp Value of % Comp	
																1													
																2													
																3													
																4													
																5													
																6													
																7													
																8													
29. Budgeted Cost of Work Scheduled \$32. Cost Variance (If Appl.) (31 - 30) \$35. Percent Complete (Of Current Apprvd. Total Costs) \$ (28c"11b) %										9																			
30. Actual Cost of Work Performed (ACWP) \$33. Schedule Variance (If Appl.) (31-29) \$36. Total Cost at Completion (Latest Estimate)										,	10																		
31. Earned Value of Work Performed (If Appl) (28c) \$ 34. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 29-30 (28c'36.) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 29-30 (28c'36.) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 29-30 (28c'36.) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 29-30 (28c'36.) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 29-30 (28c'36.) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 29-30 (28c'36.) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 29-30 (28c'36.) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 29-30 (28c'36.) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 29-30 (28c'36.) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 29-30 (28c'36.) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 29-30 (28c'36.) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 4. Simple Variance (If 31, 32, 33 are not appl.) (29-30) \$ 4. Simple Variance (If 3										Legend Plan 1 Start Date → ▼							b. c.												
38. La	test Esti 6-11a.)	mate of	Varianc	e (From	Original	Agreem	nent Val	ue) 39	D. Latest Esti Agreement	nate of \ Value) (/ariance	at Comp	oletion (F		rrent	40.	Agreement Completion Date (Latest Estin	nate)	41. Estimated Time Overru Date)(Item 40 minus It	un (From C	riginally Ap	proved	Compl. Wks.			Fime Overrun (Fr			
15. Person Preparing Report											16. Performer's Official Certifying Repor						Report	17. Date Rec'd by HUD											
a. Name b. Date Plan Prepared c. Preparer's Initials										a. I	Name	е	b. Signature c. Title																

Protect Management Systems Forms

Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Reports Management Officer, Paperwork Reduction Project (2502-0085), Office of Information Technology, U.S. Department of Housing and Urban Development, Washington, D.C. 20410-3600. This agency may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Do not send this form to the above address.

The HUD Project Management System utilizes two basic forms to plan and control the use of project resources. The Baseline Plan, form HUD-441.1, details the work to be performed. The Progress Report, form HUD-661.1, compares actual progress with the approved Baseline Plan. These forms are divided into numbered boxes; boxes containing data common to both reports will have the same number. If a report does not require certain data, the numbered box does not appear on the form.

Additional Instructions for completing these forms will be contained in the HUD Project Management System Handbook, which may be obtained from the Government Technical Representative (GTR). HUD contractors and assistance awardees shall comply with the instructions below when preparing their forms. Forms prepared improperly or submitted with errors will be returned to the awardee for corrections and resubmission.

Project Management Progress Report (Form HUD-666.1)

The Progress Report displays two graphic summaries: 1) status of incurred costs, and 2) status of technical progress. In addition, the Progress Report provides for the reporting of the Earned Value of Work Produced when requested by the GTR. Brief instructions for completing the Progress Report follow.

Box No.

- 1-5. Enter the same information as on the approved Baseline Plan.
- 6c. Enter the number and date of the latest approved Baseline Plan.
- 7a. Enter the ending date of the current reporting period.
- 7b. Indicate whether preliminary or final report.
- 7c. Indicate the reporting frequency specified in the Agreement.
- 8a. Enter the project completion date as defined in the original Agreement.
- 8b. Enter the project completion date as revised by written agreement modification.
- 9. Enter Agreement number from Baseline Plan.
- 10. Enter Project Code from Baseline Plan.
- 11a. Enter original Agreement value.
- 11b.Enter Agreement value as it may have been revised by written Agreement modification.
- 12. Enter total funds obligated by HUD as shown in the Agreement.
- 13. Enter total amount received for work performed.
- 14. Enter total funds not yet received (available for completion of Agreement work).
- 15. Enter name and date; initial by preparer.
- 16. Enter name, date, and signature.
- 26. To complete Status of Costs Incurred Section:
 - (a) Enter reporting period dates across the top of the chart corresponding to the length of the Agreement.
 - (b) Enter a dollar scale appropriate to the Agreement value in the left column.
 - (c) Draw a cumualtive planned cost surve on the chart identical with that in the Baseline Plan (Plan One)
 - (d) Indicate any revised plan using the legend shown for "Current Plan."
 - (e) If the latest estimate of total costs differ from the approved plan, draw that curve using the legend shown (see foot note to Box 36).
 - (f) Chart the cumulative actual costs of work produced (Box 30).
 - (g) If applicable, chart the earned value of work produced (Boxes 28c and 31).

- 27. Enter the same calendar arrangement across the top as the Cost-Incurred graph.
- 27a. Enter the Tasks/Activities as listed in the Agreement and the Baseline Plan. Complete a schedule bar for each as indicated in the legend.
- 27b. Enter dollar value at completion.
- 27c. Enter estimated percent of technical work completed to date (ordinarily equilvalent to shaded area on bar graph).
- 27d. Enter the dollar value of the work completed (27c x 27b).
- 28a. Enter the sum of the dollar value at completion of all Tasks (must agree with 11b).
 - To report earned value, complete the following:
- 28b. Enter the total percent complete (28c divided by 28a).
- 28c. Enter the total value of work completed (Earned Value) (do 28c before 28b).
- 29. Enter the budgeted cost of work scheduled to date as indicated in the approved Baseline Plan.
- 30. Enter the Cumulative actual cost of work performed to date.
- 31. If applicable, enter the earned value of work performed to date (Box 28c).
- 32. If applicable, enter the dollar difference between earned value to date (Box 31) and actual cost of work performed (Box 30).
- 33. If applicable, enter the dollar difference between earned value to date (Box 31) and budgeted cost of work scheduled (Box 29).
- 34. Enter N/A if Earned Value is reported, otherwise enter the difference between budgeted cost of work scheduled (Box 29) and actual cost of work performed (Box 30).
- 35. Enter percent of project that is complete (should agree with Box 28b).
- 36. Enter latest estimate of total costs at completion.*
- 37. Enter percent of completion based on latest estimate.
- 38. Enter difference between latest estimate (Box 36) and original Agreement Value.
- 39. Enter difference between latest estimate and current Agreement value.
- 40. Enter latest estimate of completion date (may differ from Box 8b).*
- 41. Show number of calendar weeks variance from original completion date, if applicable.
- 42. Show number of calendar weeks variance from revised completion date if applicable.
- * Performer shall use these two estimates to flag potential changes not accounted for in current agreement dollar and schedule completion values.

Project Management System Progress Report

Graphic Summaries: Technical Progress vs. Costs Incurred

U.S. Department of Housing and Urban Development Office of Administration

1. Project Title										3a.	Nam	ne of GTR		7a. Pe	eriod Ending		⁄b. □ P	reliminary 9.	Agreement No.						
Heating Multifamily Buildings Via Solar Energy											Jœ	e Smith			an. 31, 1		F	•	н-0123						
Name and Address of Performing Organization 4a. N												ne of Contracting Officer		7c. Fr	equency of F	Reports		10). Project Code						
International Energy Sources, Ltd.											Frank Jones				Monthly	Quarte	rly 🗌	Other	7.2.11.000)					
650 Perry Boston, Mass. 200001 5. M											Name of GTM				riginally Appr	oved Agree	nent Con	npletion Date 11	a. Originally Approv	Originally Approved Agreement Value					
W:											• •				ugust 3	31, 198	2		\$ 169, 230						
6c. Late										urrently Appre					oved Agree	nent Con	pletion Date 11	. Currently Approved Agreement Value							
<u></u>											No. 2 Date Jan. 15, 1982				ugust 31	, 1982			\$ 187, 488	\$ 187, 488					
											. Amount Obligated (By Govt. to date)				mount Receiv	ed (By Perf	rmer to D	Date) 14	 Balance of Funds 	Balance of Funds (Not Yet Received by Performer)(11b-13)					
											\$1	87,488		\$	46,205				\$141, 28	33					
		26. Sta	atus of Costs Incu	rred								27. Status of Technical Progress													
Yrs.		▼										Years 1981						1982		27b. Dollar	27c. Est.%	27d. Dollar			
\$000 Prev.	Sep Oct Nov	Dec Jan Fe	eb Mar Apr	May	Jun	Jul	Aug	Sub Total	Fut. Pds.	Grand Total		o. 27a. Tasks/Activities	Prev Pds.	Sep	Oct Nov	Dec J	an Fe	o Mar Apr May	Jun Jul Aug	Fut Pds.	Value of Each Task	Comp	Value of % Comp		
	Actual Cost of Work Performed										1	Select Demo Site	Y	, ф							6,270	100	6,270		
	Latest Estimate of Total Costs • • •	••••									2	Prepare for Demo	•	7	ф	V					25,392	100	25,392		
120 — (Current Plan ■ ■ ■ ■ Earned Value of										3	Conduct Demo				▼		•			74,823	33	24,691		
100	Performance -										4	Evaluate Demo						<u> </u>	Φ 🔻		63,582	0	0		
80		\mathbf{A}	ΝЛ						1		5	Prepare Project Repo	rt						 	V	17,421	0	0		
60			IVI						•		6	6								7	,		+		
40											7	MILESTONES											-		
20																									
											8	B A. Site Review Panel Meeting													
(BCWS)	Cost of Work Scheduled 358	32. Cost Vari \$ (16,	Cost Variance (If Appl.) (31-30) \$ (16, 262)								9	B. Solar System Installed													
30. Actual Cost of Work Performed (ACWP) \$33. Schedule Variance (If Appl.) (31-29) \$(13, 505) \$36. Total Cost at Completion (Latest Estimate) \$188, 210								10	C. System Removed																
								Le	Legend Plan 1 Start Date →▼							b. 42	c. 56,353								
38. Latest Estimate of Variance (From Original Agreement Value) (36-11a.) \$ 18, 250 (36-11b.) 39. Latest Estimate of Variance at Completion (From Current Agreement Value) (36-11b.) 0											4	10. Agreement Completion Date (Latest Estin September 5, 1982	e (Latest Estimate) 41. Estimated Time Overrun (From Originally Approved Compl. Date)(Item 40 minus Item 8a.) 1 Wks. 42. Estimated Time Overrun (From Currently Approved Compl. Date (Item 40 minus Item 8b.) 1 Wks.												
		15. Pe	erson Preparing Re	eport								16. Performer's Official Certifying Report							17. Date Rec'd by						
a. Name				ite Plan F			. Prepa	arer's In	itials			Name b. Signature c. Title							d. Date Signed HUD						
Fred Team Fe					1982	2					George L. Kahn							Project Manage	er	2/9/82			Feb. 11, 1982		